

In the Claims

Please cancel claims 5-31 and add new claims 32-46 with the following clean version of the entire set of pending claims, in accordance with 37 C.F.R. § 1.121(c)(1)(i).

- 
32. (new) A tantalum disc comprising at least about 99.95 weight percent tantalum and a substantially uniform {100} crystallographic orientation across a surface of the disc.
33. (new) The disc of claim 32 further comprising a maximum tantalum grain size of less than 50 microns at the disc surface
- ✓ 34. (new) The disc of claim 32 further comprising an average grain size of about 25 microns.
- ✓ 35. (new) The disc of claim 32 produced from a frictionless forged billet.
36. (new) The disc of claim 32 having a thickness, wherein the disc comprises the substantially uniform {100} crystallographic orientation throughout the thickness.
37. (new) The disc of claim 32 further comprising an average tantalum grain size of less than 50 microns at the disc surface.
38. (new) A tantalum disc comprising at least about 99.95 weight percent tantalum and a maximum grain size of less than 50 microns.
39. (new) The disc of claim 38 produced from a frictionless forged billet.

40. (new) A tantalum disc comprising an average grain size of about 25 microns.
41. (new) The disc of claim 40 comprising a maximum grain size of less than 50 microns.
42. (new) A tantalum disc comprising at least about 99.95 weight percent tantalum; the disc having a thickness and a maximum grain size of less than 50 microns throughout the thickness; the disc also comprising a substantially uniform {100} crystallographic orientation throughout the thickness.
43. (new) The disc of claim 42 comprising an average tantalum grain size of less than 50 microns throughout the thickness.
44. (new) A disc comprising at least about 99.95 weight percent tantalum and an average grain size of less than 50 microns.
45. (new) The disc of claim 44 produced from a frictionless forged billet.
46. (new) A disc comprising at least about 99.95 weight percent tantalum and an average grain size of less than about 25 microns.

Add Cl>